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16 October 1958

MEMORANDUM FOR: Director of Operations, DPS

SUBJECT: Trip Report -

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1. A conference was held on 14 October at ATIC covering the planned operations of attempted intercept of the U-2 by the F-102 and F-104. As a result of the conference, the following conclusions have been reached.

a. That no test involving the use of the F-104 should be attempted prior to a comprehensive study of the effects of over-pressure.

b. That the survivability of the U-2 will be increased drastically when the U-2 has been painted.

c. If the research indicates it is possible to perform tests using the F-104, then the following syllabus is recommended:

(1) The F-104 should be programmed from GCI pull-up to a visual intercept, using data link control, if available. This is the most advanced method that the Continental Air Defense Command has at present.

(2) The F-104 placed in visual contact by GCI and given his prerogative to attack in any manner desired.

(3) The same test as in (1) and (2) above using a painted aircraft and allowing the pilot to take programmed evasive action throughout the intercept.

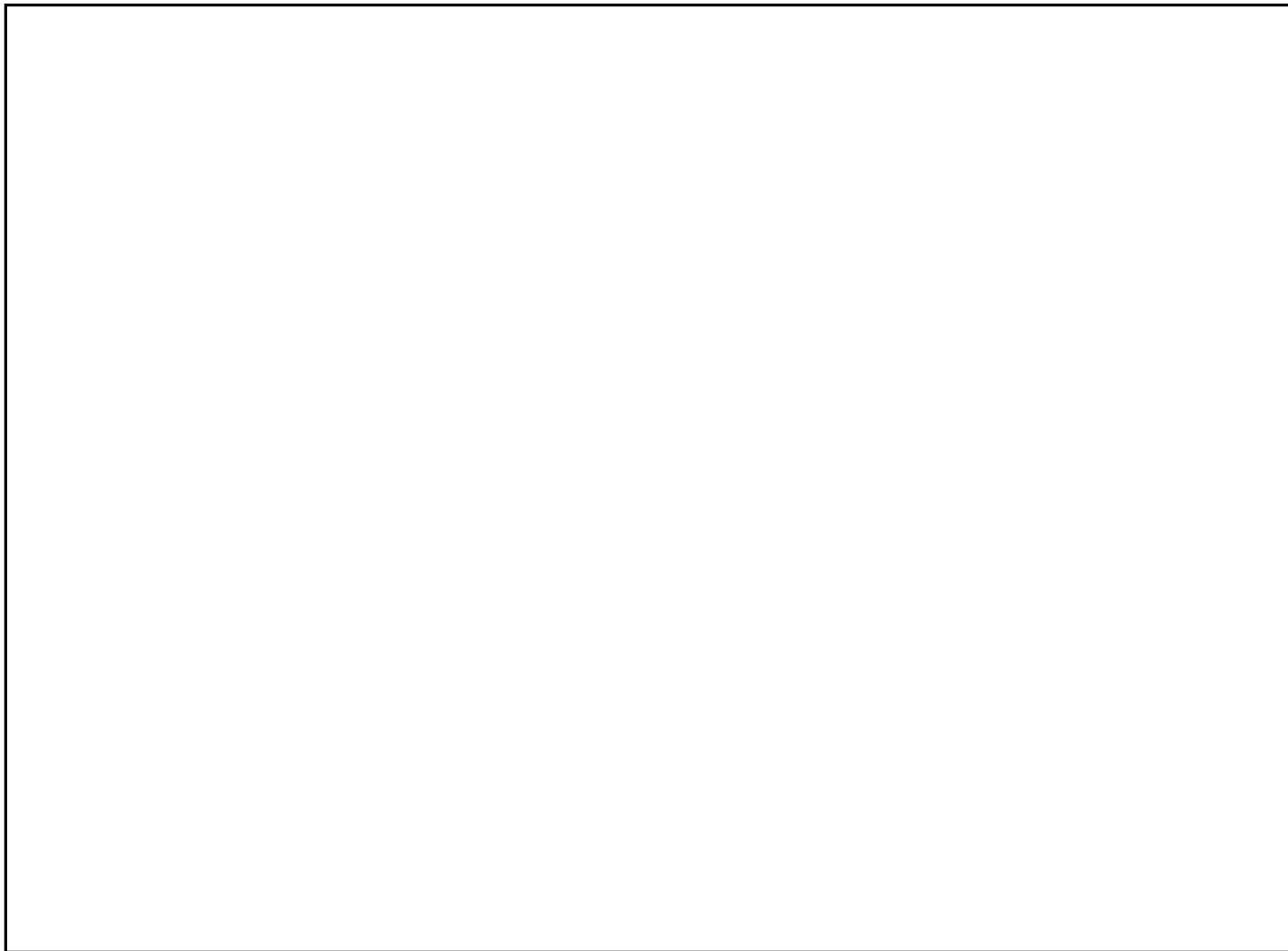
(4) The F-102, flying at 50,000 feet at 520 knots put in position by GCI and locking-on the U-2 and holding the lock-on for two seconds on pull-up and then returning to level flight maintaining the lock-on. This exercise is required to determine

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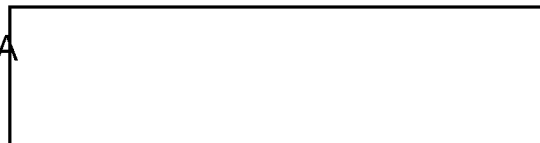
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3. The hospitality and cooperation given at ATIC is worthy of mention. They have in the past and continue to give Project requests the highest priority.

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